

Title (en)
Emergency lighting system

Title (de)
Notbeleuchtungssystem

Title (fr)
Système d'éclairage de secours

Publication
EP 0940904 A3 20001115 (EN)

Application
EP 98309409 A 19981117

Priority
GB 9724286 A 19971117

Abstract (en)
[origin: GB2331390A] An emergency lighting system capable of performing self-testing comprises a main power supply 12 and a plurality of lighting units 10 each having mains failure circuitry to monitor the main supply and to connect the lighting unit for operation to an auxiliary power supply in the event of failure of the main power supply. Each lighting unit further includes a testing circuit operative, on receipt of a command, to assess the condition of operational readiness of the lighting unit. A signal line 16 connects a control unit 14 to the testing circuit of one or more of the lighting units. In operation, the control unit 14 applies signals to the signal line 16 and detects signals which have been applied to the signal line by a testing circuit. Each one of the testing circuits is identified as from the others by an address. On detection of a signal indicating its address on the signal line, each testing circuit applies to the signal line a signal indicative of the operational readiness of the associated lighting unit. The control unit 14 can selectively disable connection to the auxiliary power supply in unoccupied areas, to save power.

IPC 1-7
H02J 9/02

IPC 8 full level
H02J 9/02 (2006.01); **H04Q 9/06** (2006.01); **H05B 37/03** (2006.01)

CPC (source: EP)
H02J 9/02 (2013.01); **H04Q 9/06** (2013.01); **H05B 47/22** (2020.01); **Y02B 20/40** (2013.01)

Citation (search report)
• [XA] EP 0415621 A2 19910306 - MINITRONICS PTY LTD [AU]
• [X] GB 2258571 A 19930210 - PROTEC FIRE DETECTION PLC [GB]

Cited by
DE10344619B4; NO340050B1; AU2004305904B2; GB2404474A; GB2404474B; US10021758B2; US10321535B2; US6989759B2; US10159134B2; WO0161823A1; WO2005032218A1; US10021757B2; US10047921B2; US10222014B2; US7821210B2; US10237939B2; US10375788B2; EP3651312A1; EP3651313A1

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GB 2331390 A 19990519; GB 2331390 A9; GB 2331390 B 20000315; GB 9825216 D0 19990113; EP 0940904 A2 19990908; EP 0940904 A3 20001115; GB 9724286 D0 19980114

DOCDB simple family (application)
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